

John Grattan

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,660
citations

236925

25
h-index

289244

40
g-index

50
all docs

50
docs citations

50
times ranked

1207
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying the sources and timing of ancient and medieval atmospheric lead pollution in England using a peat profile from Lindow bog, Manchester. <i>Journal of Environmental Monitoring</i> , 2004, 6, 502-510.	2.1	119
2	An Imperial Legacy? An Exploration of the Environmental Impact of Ancient Metal Mining and Smelting in Southern Jordan. <i>Journal of Archaeological Science</i> , 2000, 27, 771-778.	2.4	99
3	Geochemical evidence for atmospheric pollution derived from prehistoric copper mining at Copa Hill, Cwmystwyth, mid-Wales, UK. <i>Science of the Total Environment</i> , 2002, 292, 69-80.	8.0	90
4	Non-climatic factors and the environmental impact of volcanic volatiles: implications of the Laki fissure eruption of AD 1783. <i>Holocene</i> , 1994, 4, 101-106.	1.7	74
5	An Amazing and Portentous Summer: Environmental and Social Responses in Britain to the 1783 Eruption of an Iceland Volcano. <i>Geographical Journal</i> , 1995, 161, 125.	3.1	71
6	The local and global dimensions of metalliferous pollution derived from a reconstruction of an eight thousand year record of copper smelting and mining at a desert-mountain frontier in southern Jordan. <i>Journal of Archaeological Science</i> , 2007, 34, 83-110.	2.4	66
7	Volcanoes as agents of past environmental change. <i>Global and Planetary Change</i> , 1999, 21, 181-196.	3.5	65
8	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 1997, 100, 343-353.	2.4	62
9	Aspects of Armageddon: An exploration of the role of volcanic eruptions in human history and civilization. <i>Quaternary International</i> , 2006, 151, 10-18.	1.5	59
10	Early-Holocene environments in the Wadi Faynan, Jordan. <i>Holocene</i> , 2004, 14, 921-930.	1.7	57
11	Quaternary palaeogeomorphologic evolution of the Wadi Faynan area, southern Jordan. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 205, 131-154.	2.3	48
12	Volcanic air pollution and mortality in France 1783-1784. <i>Comptes Rendus - Geoscience</i> , 2005, 337, 641-651.	1.2	46
13	The heavy metal content of skeletons from an ancient metalliferous polluted area in southern Jordan with particular reference to bioaccumulation and human health. <i>Ecotoxicology and Environmental Safety</i> , 2005, 60, 295-300.	6.0	45
14	Volcanic eruptions dry fogs and the European palaeoenvironmental record: localised phenomena or hemispheric impacts?. <i>Global and Planetary Change</i> , 1999, 21, 173-179.	3.5	43
15	Effects of volcanic air pollution on health. <i>Lancet, The</i> , 2001, 357, 164.	13.7	42
16	Acid damage to vegetation following the Laki fissure eruption in 1783 - an historical review. <i>Science of the Total Environment</i> , 1994, 151, 241-247.	8.0	41
17	King Solomon's Miners - Starvation and Bioaccumulation? An Environmental Archaeological Investigation in Southern Jordan. <i>Ecotoxicology and Environmental Safety</i> , 1999, 43, 305-308.	6.0	40
18	Illness and elevated human mortality in Europe coincident with the Laki Fissure eruption. <i>Geological Society Special Publication</i> , 2003, 213, 401-414.	1.3	40

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Environmental Geochemistry and Health, 1999, 21, 371-376.	3.4	38
20	â€œDeath... more desirable than lifeâ€™? The human skeletal record and toxicological implications of ancient copper mining and smelting in Wadi Faynan, southwestern Jordan. Toxicology and Industrial Health, 2002, 18, 297-307.	1.4	37
21	Environmental change and tephra deposition: The strath of Kildonan, Northern Scotland. Journal of Archaeological Science, 1995, 22, 799-809.	2.4	34
22	Pollution and paradigms: lessons from Icelandic volcanism for continental flood basalt studies. Lithos, 2005, 79, 343-353.	1.4	33
23	Acid-loading from Icelandic Tephra Falling on Acidified Ecosystems as a Key to Understanding Archaeological and Environmental Stress in Northern and Western Britain. Journal of Archaeological Science, 1994, 21, 851-859.	2.4	32
24	Title is missing!. Water, Air, and Soil Pollution, 1997, 100, 327-341.	2.4	32
25	Invertebrates of ancient heavy metal spoil and smelting tip sites in southern Jordan: Their distribution and use as bioindicators of metalliferous pollution derived from ancient sources. Journal of Arid Environments, 2002, 52, 53-62.	2.4	32
26	Analyses of patterns of copper and lead mineralization in human skeletons excavated from an ancient mining and smelting centre in the Jordanian desert: a reconnaissance study. Mineralogical Magazine, 2005, 69, 653-666.	1.4	27
27	Modern Bedouin exposures to copper contamination: an imperial legacy?. Ecotoxicology and Environmental Safety, 2003, 55, 108-115.	6.0	26
28	An Evaluation of the Use of Internet Sources as a Basis for Geography Coursework. Journal of Geography in Higher Education, 1998, 22, 19-34.	2.6	22
29	Condemned to metallum? The origin and role of 4thâ€“6th century A.D. Phaeno mining campresidents using multiple chemical techniques. Journal of Archaeological Science, 2011, 38, 558-569.	2.4	22
30	Regional warming of the lower atmosphere in the wake of volcanic eruptions: the role of the Laki fissure eruption in the hot summer of 1783. Geological Society Special Publication, 1999, 161, 161-171.	1.3	19
31	Title is missing!. Water, Air, and Soil Pollution, 1999, 111, 317-326.	2.4	19
32	Allochthonous and autochthonous mire deposits, slope instability and palaeoenvironmental investigations in the Borve Valley, Barra, Outer Hebrides, Scotland. Holocene, 2000, 10, 97-108.	1.7	16
33	Radon and â€œKing Solomon's Minersâ€™: Faynan Orefield, Jordanian Desert. Science of the Total Environment, 2004, 319, 99-113.	8.0	16
34	Sedimentary metal-pollution signatures adjacent to the ancient centre of copper metallurgy at Khirbet Faynan in the desert of southern Jordan. Journal of Archaeological Science, 2013, 40, 3834-3853.	2.4	16
35	The first polluted river? Repeated copper contamination of fluvial sediments associated with Late Neolithic human activity in southern Jordan. Science of the Total Environment, 2016, 573, 247-257.	8.0	16
36	The potential risk from 222radon posed to archaeologists and earth scientists: reconnaissance study of radon concentrations, excavations, and archaeological shelters in the Great Cave of Niah, Sarawak, Malaysia. Ecotoxicology and Environmental Safety, 2005, 60, 213-227.	6.0	14

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37	Environmental and social responses in Europe to the 1783 eruption of the Laki fissure volcano in Iceland: a consideration of contemporary documentary evidence. Geological Society Special Publication, 1999, 161, 173-187.	1.3	13
38	The geoarchaeology of "waste heaps" from the ancient mining and beneficiation of copper-rich ores in the Wadi Khalid in southern Jordan. Journal of Archaeological Science, 2014, 46, 428-433.	2.4	12
39	An assessment of discriminant function analysis in the identification and correlation of distal Icelandic tephras in the British Isles. Geological Society Special Publication, 1999, 161, 147-160.	1.3	9
40	Exploratory studies of loch "sediment chemistry and soil history from a 10,000+ year old core from Loch Hellisdale, South Uist, Outer Hebrides. Scottish Geographical Journal, 1995, 111, 106-112.	0.4	8
41	The distal impact of Icelandic volcanic gases and aerosols in Europe: a review of the 1783 Laki Fissure eruption and environmental vulnerability in the late 20th century. Geological Society Engineering Geology Special Publication, 1998, 15, 97-103.	0.2	7
42	Modelling the impact of Icelandic volcanic eruptions upon the prehistoric societies and environment of northern and western Britain. Geological Society Special Publication, 1999, 161, 109-124.	1.3	7
43	Volcanic Gases: Silent Killers. Advances in Volcanology, 2015, , 65-83.	1.1	7
44	Ethno-geochemical and Phytolith Studies of Activity Related Patterns: A Case Study from Al Ma"tan, Jordan. Environmental Archaeology, 2017, 22, 412-433.	1.2	7
45	Student C&IT skills development and the learning environment: evaluation and module evolution. Education and Training, 1998, 40, 366-373.	3.1	3
46	IT Skills Emplacement: Learning environment and assessment. Journal of Geography in Higher Education, 1998, 22, 407-412.	2.6	2